

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-003105**Date Inspected:** 16-Mar-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Changxing Dao, Shanghai**Quality Control Contact:** Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** Sub-Assemblies (OBG).**Bid Item:** 77,78,79**Lot No:****Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. Kenneth W. Cason Jr. arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections is to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

Sub-Assemblies (OBG)

Bike Path Panel BK4A-064, NOI Number 5976: In preparation for finish coat Interfine 979 Polysiloxane installation and in accordance with project specifications and SSPC-SP 1, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Bike Path Panel BK4A-064. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to mud cracks, grinding and holidays.

Drainage Flumes (13 Each), NOI Number 5979: In preparation for undercoat installation and in accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Drainage Flumes (13 Each). ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to sharp edges and required weld repairs.

Stiffeners X6047A (16 Each), X6047C (16 Each), L-Plate (1 Each), Splices (32 Each) and Shim Plates (16 Each), NOI Number 5980: In accordance with project specifications ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on Stiffeners X6047A (16 Each), X6047C (16 Each), L-Plate (1

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Each), Splices (32 Each) and Shim Plates (16 Each) for dry film thickness (DFT) compliance. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to defects (high DFT readings) in the applied Interzinc 22 undercoat.

Drainage Flumes (16 Each) and L-Splices (47 Each), NOI Number 5981: In accordance with project specifications, ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on Drainage Flumes (16 Each) and L-Splices (47 Each) in preparation for blasting operations. ABF Quality Assurance personnel instructed ZPMC to re-work and re-submit for inspection due to the presence of oil and grease on substrate.

Splices X3271G (58 Each), 3271J (19 Each), 3271T (18 Each), Shim Plates X3307C (32 Each), X321E (74 Each) and Channels (20 Each), NOI Number 5983: In accordance with project specifications, ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on Splices X3271G (58 Each), 3271J (19 Each), 3271T (18 Each), Shim Plates X3307C (32 Each), X321E (74 Each) and Channels (20 Each) in preparation for blasting operations. No discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

OBG Assembly Plates DP3172, DP3173 and DP3174, NOI Number 5984: In accordance with project specifications, ABF and ZPMC Quality Assurance/Control representatives observed the surface condition on OBG Assembly Plates DP3172, DP3173 and DP3174 in preparation for blasting operations. No discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

Office

This Quality Assurance Inspector (QA) reviewed, recorded and entered data from notice of inspection requests for the purpose of tracking and compliance to contract documents.

Note: Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Cason,Kenneth
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Quality Assurance Inspector

Reviewed By:	Miller,Mark
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QA Reviewer
